AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A multimedia information generation apparatus for generating multimedia information including at least one two-dimensional image or character information and at least one three-dimensional image, comprising:

a control information generation unit generating control information for controlling display of said three-dimensional image, wherein said control information includes at least one of i) the number of viewpoints for said three-dimensional image, ii) a direction of thinning during generation of said three-dimensional image from said two-dimensional image, iii) image arrangement of said two-dimensional images corresponding to parallax images, and iv) reversal information on each of said parallax images; and

a multimedia information generation unit generating said multimedia information including said at least one two-dimensional image or character information and at least one three-dimensional image and said control information, wherein

said at least one two-dimensional image or character information and at least one three-dimensional image are data to be synthesized.

2. (Currently Amended) A multimedia information generation apparatus for generating multimedia information comprised of a plurality of modules, comprising

a module generation unit generating said modules including at least one two-dimensional

image or character information and at least one three-dimensional image, wherein

said modules include control information for controlling display of said three-

dimensional image,

said control information includes at least one of i) the number of viewpoints for said

three-dimensional image, ii) a direction of thinning during generation of said three-dimensional

image from said two-dimensional image, iii) image arrangement of said two-dimensional images

corresponding to parallax images, and iv) reversal information on each of said parallax images,

and

said at least one two-dimensional image or character information and at least one three-

dimensional image are data to be synthesized.

3. (Previously Presented) The multimedia information generation apparatus according to

claim 1 or 2, wherein said control information is provided correspondingly to each three-

dimensional image.

4. (Previously Presented) The multimedia information generation apparatus according to

claim 1 or 2, wherein said control information is provided correspondingly to a plurality of three-

dimensional images.

5. (Currently Amended) The multimedia information generation ~~method~~ apparatus

according to claim 1, wherein an identifier for identifying each of at least said two dimensional

CG/EJW/lps

image and said three-dimensional image is set in advance, and said control information includes said identifier of the three-dimensional image.

6. (Previously Presented) The multimedia information generation apparatus according to claim 2, wherein an identifier for identifying each of at least said two-dimensional image and said three-dimensional image is set in advance, and said control information includes said identifier of the three-dimensional image.

7. (Previously Presented) The multimedia information generation apparatus according to claim 5 or 6, wherein said control information includes a plurality of identifiers.

8. (Previously Presented) The multimedia information generation apparatus according to claim 5 or 6, wherein a predetermined value of said identifier indicates that all of images included in said multimedia information are three-dimensional images.

9. (Previously Presented) The multimedia information generation apparatus according to claim 5, wherein a predetermined value of said identifier indicates that all of images included in said modules are three-dimensional images.

10. (Currently Amended) A multimedia information reproduction apparatus reproducing multimedia information including at least one two-dimensional image or character information and at least one three-dimensional images, comprising:

CG/EJW/lps

a generation unit generating a three-dimensional image from said two-dimensional image or character information; and

a first synthesis unit synthesizing said three-dimensional image generated by said generation unit and the three-dimensional image included in said multimedia information, wherein

the generation unit generates the three-dimensional image by making bolder the line of the font image corresponding to said character information when generating the three-dimensional image from said character image.

11. (Previously Presented) The multimedia information reproduction apparatus according to claim 10, further comprising a second synthesis unit synthesizing a plurality of two-dimensional images or character information, and

said generation unit generates three-dimensional image data from two-dimensional image data obtained through synthesis by said second synthesis unit, instead of said two-dimensional images or character information.

12. (Previously Presented) A multimedia information reproduction apparatus reproducing multimedia information including a plurality of sets of at least one two-dimensional image or character information and at least one three-dimensional image, comprising:

a page data decoding unit decoding graphic and character information included in said multimedia information to obtain a page image;

a 2D/3D conversion unit converting said page image into a three-dimensional image; and

CG/EJW/lps

a first synthesis unit synthesizing the three-dimensional image generated by said 2D/3D

conversion unit and the three-dimensional image included in said multimedia information.

13. (Previously Presented) The multimedia information reproduction apparatus according

to claim 12, further comprising a second synthesis unit synthesizing a plurality of two-

dimensional images, and

said 2D/3D conversion unit converts two-dimensional image data obtained through

synthesis by said second synthesis unit into three-dimensional image data.

14. (Currently Amended) The multimedia information reproduction apparatus according

to claim 12 or 13, wherein a first font image and a second font image corresponding to the

character information are provided, said second font image having a thinner font line than that of

said first font image, said first font image is used when the character information is three-

dimensionally displayed and said second font image is used when the character information is

two-dimensionally displayed.

15. (Previously Presented) The multimedia information reproduction apparatus according

to claim 14, wherein said page data decoding unit uses said first or second font image to obtain

the page image.

16. (Previously Presented) The multimedia information reproduction apparatus according to claim 14, wherein said 2D/3D conversion unit uses said first or second font image to obtain the three-dimensional image.

17. (Currently Amended) The multimedia information reproduction apparatus according to claim 15 or 16, further comprising:

a font image storage unit storing said first font image and said second font image; and

a switch selecting said first font image or said second font image.

18. (Currently Amended) The multimedia information reproduction apparatus according to claim 15 or 16, further comprising a font conversion unit converting the second font image into the first font image.

19. (Previously Presented) The multimedia information reproduction apparatus according to claim 14, wherein said first font image is comprised of a plurality of pieces of light/dark information and arranged so that apparent character thickness is thin.

20. (New) The multimedia information reproduction apparatus according to claim 16, further comprising:

a font image storage unit storing said first font image and said second font image; and

a switch selecting said first font image or said second font image.

CG/EJW/lps

21. (New) The multimedia information reproduction apparatus according to claim 16,

further comprising a font conversion unit converting the second font image into the first font

image.